



GIS

Rush

70GIS10

Surveyor

(12)

November 15, 2004

Marvin Rees
Rush County Surveyor
101 E. Second Street
Rushville, IN 46173

RE: Contract for GIS Watershed and Drainage Mapping

Dear Mr. Rees,

I am pleased to provide you with the enclosed contract document to provide professional GIS services for the development of Watershed and Drainage Mapping for Rush County. These data layers will be created from the County's existing drainage maps and will become part of the existing GIS project for Rush County.

To finalize this contract agreement, please sign both original contract documents and send one document to us and retain the other for your files.

Thank you for your interest in Sidwell's services. We appreciate your business and look forward to working with you once again. Please contact me if you have any questions or comments regarding the contract or our services at 630-549-1075 or jwest@sidwellco.com.

Sincerely,

Joyce A. West
GIS Account Manager

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RUSH COUNTY SURVEYOR

THE SIDWELL COMPANY
GIS & Mapping Solutions

CONTRACT AMENDMENT

INTRODUCTION

This document is an amendment to the contract between Rush County, Indiana, and The Sidwell Company, dated December 17, 2001, for Professional Aerial Photography, Digital Orthophotography and GIS Services. The purpose of this contract amendment is to add legal drains and watershed boundaries to the existing Rush County, Indiana Geographic Information System. This project will leverage the investment that Rush County has already made in GIS by utilizing the parcel base integrated with tax records, digital orthophotography, flood zone areas, and other data layers.

OVERVIEW

Rush County, Indiana entered into a contract in December 2001 with The Sidwell Company for research, design, and development of a contiguous digital cadastral-based geographic information system. Services included aerial photography, digital orthophotography, cadastral data compilation and database production, topological data structuring, new permanent parcel numbering, GIS integration with the tax cycle system, plotting routines, training and technical support services.

In addition to the original GIS services described above, Rush County has added or is in the process of adding new datasets to the overall system. Rush County has completed a project for E911 including street centerlines attributized with addresses, emergency service zones, and cell site locations. A project to add county flood and zoning areas to the GIS is completed. A FARMS project to add soils and agricultural land use areas to the GIS to support the assessment of farmland in the County is in progress. A project to convert the county's GIS data to the Geodatabase format for use with ESRI and Sidwell software products is in progress.

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SCOPE OF SERVICES

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Sidwell Responsibilities

RUSH COUNTY SURVEYOR

Previously, as part of the FARMS project, Sidwell acquired paper copies of all current Rush County legal drain maps from the County Surveyor. We scanned approximately 163 legal drain maps. The Sidwell Company will provide the following professional GIS services and deliveries to Rush County:

GIS PARCELS

- Acquire current GIS cadastral database, which includes some drainage features, from the County Auditor.
- Confirm topological structuring of the cadastral database.

LEGAL DRAINS

- Georeference the legal drain maps to the GIS parcel base and the digital orthophotography base using section corners and other reference points that are common between the legal drain maps and the GIS. Legal drain maps will be warped to best fit the GIS and to retain a close geographic relationship from the existing hand-drawn legal drain maps.
- Digitize any legal drain that was not previously data captured as part of the parcel conversion process or FARMS project. Attributize legal drains with their name.

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- Digitize the watershed boundaries as polygons and attribute with the legal drain name.
- Digitize drainage tiles, and sub-watershed boundaries as lines and enter all legible annotation, such as tile name, tile size, terminus, head, as a text label.
- Provide draft copy of legal drains and watershed boundaries for review by Rush County Surveyor and make changes per county's instructions.
- Legal drains, tiles, and watershed polygons will each have their own symbology and be in separate GIS layers.

Rush County Responsibilities

- Provide current GIS cadastral database.
- Review and identify any changes to legal drains and watershed boundaries.

PROJECT TIMELINE AND PRICE

Completion of the digital conversion of the Rush County legal drain and watershed boundary maps is dependent upon completion of two ongoing projects: the conversion of the cadastral base map to the geodatabase format and completion of the FARMS project. We anticipate that production of this project will take several months after completion of the above mentioned two projects and receipt of all data sources as listed in this document.

Conversion of Legal Drain and Watershed Data

\$ 11,400.00

INVOICING POLICY

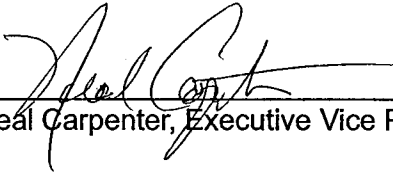
Rush County will be invoiced on a monthly basis as work progresses. A progress report will accompany each monthly invoice.

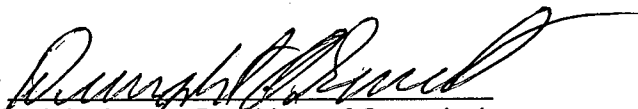
CONTRACT AMENDMENT

This Contract Amendment as heretofore described and governed by the laws of the State of Indiana, made and entered into on this 6th day of December, 2004.

THE SIDWELL COMPANY

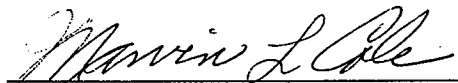
RUSH COUNTY, INDIANA

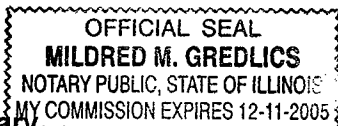
By 
Neal Carpenter, Executive Vice President

By 
Dwight Sweet, President of Commissioners

NEAL CARPENTER personally
appeared and signed before me as an
officer and agent of said corporation this
15 day of November, 2004

By 
Janet Kile, Commissioner

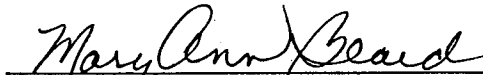
By 
Marvin Cole, Commissioner



Notary



Attest

By 
Mary Ann Beard, Auditor